



**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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09/247,866 02/11/99 CHOI

T RPL-006

EXAMINER

MMC2/0410

FLESHNER AND KIM
P O BOX 221200
CHANTILLY VA 20153-1200

ART UNIT

PAPER NUMBER

2877
DATE MAILED:

04/10/01

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Notice of Allowability

Application No.

09/247,866

Examiner

Roy M. Punnoose

Applicant(s)

CHOI et al

Art Unit

2877

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to ____.
2. ☐ The allowed claim(s) is/are 1-8.
3. ☐ The drawings filed on ____ are acceptable as formal drawings.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
* Certified copies not received: ____.
5. ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE FOR SUBMITTING NEW FORMAL DRAWINGS, OR A SUBSTITUTE OATH OR DECLARATION. This three-month period for complying with the REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL is extendable under 37 CFR 1.136(a).**

6. ☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.
7. ☒ Applicant MUST submit NEW FORMAL DRAWINGS
(a) ☐ including changes required by the Notice of Draftperson's Patent Drawing Review(PTO-948) attached
1) ☒ hereto or 2) ☐ to Paper No. ____.
(b) ☐ including changes required by the proposed drawing correction filed ____, which has been approved by the examiner.
(c) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. ____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

8. ☐ Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Any reply to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE / SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included.

Attachment(s)

- 1 ☒ Notice of References Cited (PTO-892)
3 ☒ Notice of Draftperson's Patent Drawing Review (PTO-948)
5 ☒ Information Disclosure Statements (PTO-1449), Paper No. 7, 8.
7 ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
- 2 ☐ Notice of Informal Patent Application (PTO-152)
4 ☐ Interview Summary (PTO-413), Paper No. ____.
6 ☐ Examiner's Amendment/Comment
8 ☒ Examiner's Statement of Reasons for Allowance
9 ☐ Other



Serial Number: 09/247,866
File Date: Feb. 11, 1999
Attorney Docket No. RPL-006

Examiner: Roy M. Punnoose
Art Unit: 2877
Applicant: CHOI et al

Paper No. 9

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Drawings

1. The drawings are objected to as indicated on the form PTO-948 included with this action.

Allowable Subject Matter

2. Claims 1-8 are allowed.

3. The following is a statement of reasons for the indication of allowable subject matter: Claims 1- 8 are allowable over prior art of record because none of the references disclose a plasma display panel in which a plurality of cells are constituted by a plurality of row and column electrodes which are directly crossed with one another between two substrates which are combined in parallel, wherein said row electrode has a transparent electrode having a plurality of projecting electrode parts which are alternately projected upward and downward with a predetermined width along a row axis, and an opaque electrode formed at the lower portion of the row axis of said transparent electrode, the above in combination with the row electrode which is concerned in the discharge of two adjacent column-direction cell groups by interaction with two other electrodes adjacent in the column direction, and, the column electrode is positioned on a column axis of said projecting electrode part.

Conclusion

Papers related to the application may be submitted to Group 2800 by Fax transmission. Papers should be faxed to Group 2800 via the PTO Fax Machine located in Crystal Plaza 4. The form of such papers must conform with the notice published in the Official Gazette, 1096 OG 30 (November 15, 1989). The CP4 FAX number is:



Serial Number: 09/247,866
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Paper No. 9

703-308-7722 or 7724

Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Examiner Roy Punnoose** whose telephone number is (703) 306-9145.

If there is a problem reaching the examiner, the applicant can reach his **Supervisory Patent Examiner, Frank G. Font**, at (703) 308-4881.

Any inquiry of a **general nature** or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-0956.

Roy M. Punnoose
Patent Examiner
Art Unit 2877
April 9, 2001/rp

Mr. Frank G. Font
Supervisory Patent Examiner



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

NOTICE OF ALLOWANCE AND ISSUE FEE DUE

10/12/04 11

10/12/04 11:00
10/12/04 11:00
10/12/04 11:00

APPLICATION NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
01/02/04 11:00	10/12/04 11:00	100	10/12/04 11:00	10/12/04 11:00
First Named Applicant	10/12/04 11:00			

TITLE OF INVENTION: 10/12/04 11:00

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEE DUE	DATE DUE
01/02/04 11:00	10/12/04 11:00	100	10/12/04 11:00	10/12/04 11:00	10/12/04 11:00	10/12/04 11:00

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED.

THE ISSUE FEE MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.

HOW TO RESPOND TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is changed, pay twice the amount of the FEE DUE shown above and notify the Patent and Trademark Office of the change in status, or
- B. If the status is the same, pay the FEE DUE shown above.

If the SMALL ENTITY is shown as NO:

- A. Pay FEE DUE shown above, or
- B. File verified statement of Small Entity Status before, or with, payment of 1/2 the FEE DUE shown above.

II. Part B-Issue Fee Transmittal should be completed and returned to the Patent and Trademark Office (PTO) with your ISSUE FEE. Even if the ISSUE FEE has already been paid by charge to deposit account, Part B Issue Fee Transmittal should be completed and returned. If you are charging the ISSUE FEE to your deposit account, section "4b" of Part B-Issue Fee Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give application number and batch number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

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